

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number  
**WO 2004/001425 A2**

- (51) International Patent Classification<sup>7</sup>: **G01N 33/68**, 33/50, A61K 39/155
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- (21) International Application Number: PCT/NL2003/000454
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 20 June 2003 (20.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 02077461.8 20 June 2002 (20.06.2002) EP
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- Published:**  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: MHC CLASS II HAPLOTYPE SPECIFIC IMMUNODOMINANCY OF PEPTIDES DERIVED FROM RSV FUSION (F) AND ATTACHEMENT (G) PROTEINS

(57) Abstract: The present invention relates immunodominant peptides derived from human respiratory syncytial virus (H-RSV) that may be used in *ex vivo* diagnosis of immune responses to H-RSV. The immunodominant peptides are derived from the H-RSV Fusion (F) and Attachment (G) proteins and are capable of inducing an antigen specific CD4<sup>+</sup> T cell response *ex vivo* in a MHC class 11 haplotype restricted manner. The immunodominant H-RSV-derived peptides may further be used in methods for vaccination against H-RSV, preferably in a MHC class 11 haplotype specific manner.